

FIG. 1 PRIOR ART

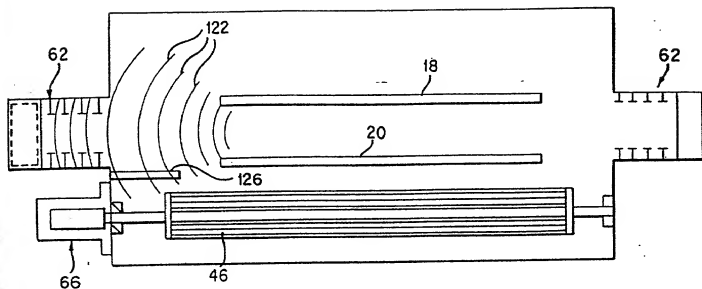


FIG. 2 PRIOR ART

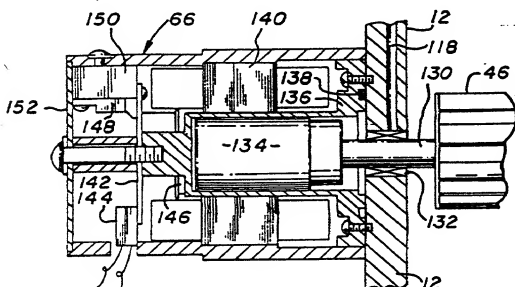
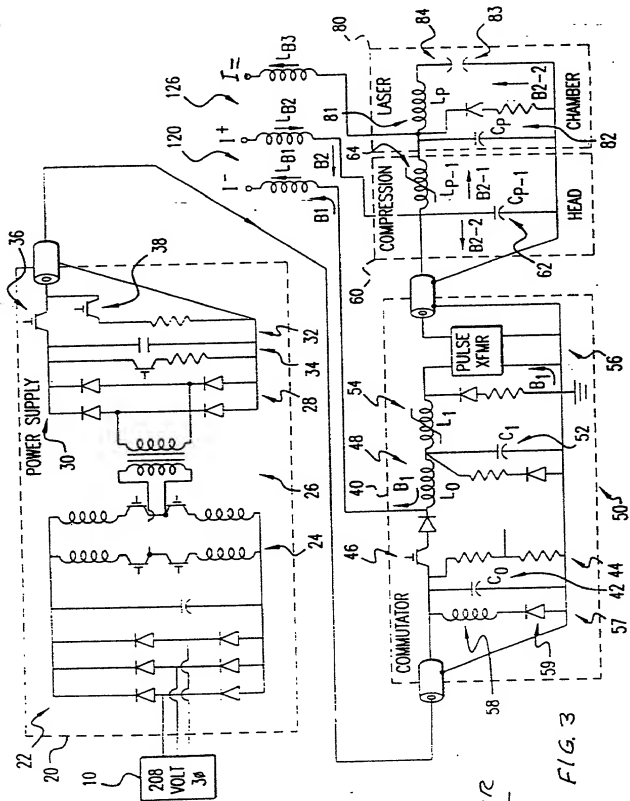
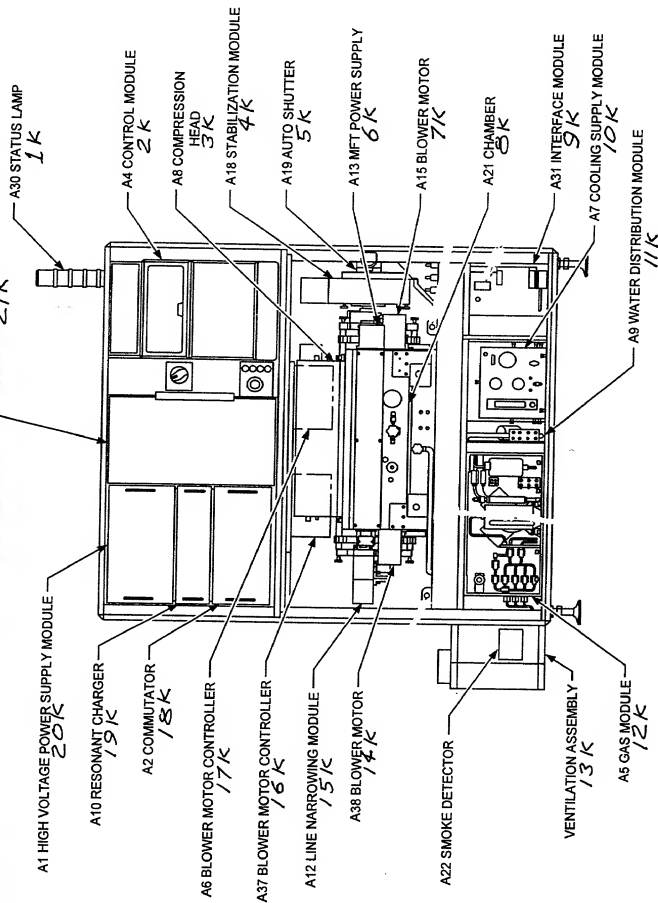


FIG. 2 A PRIOR ART



PRIOR
ART
FIG. 3

FIG. 4A TOTAL CONTROL



FRONT VIEW

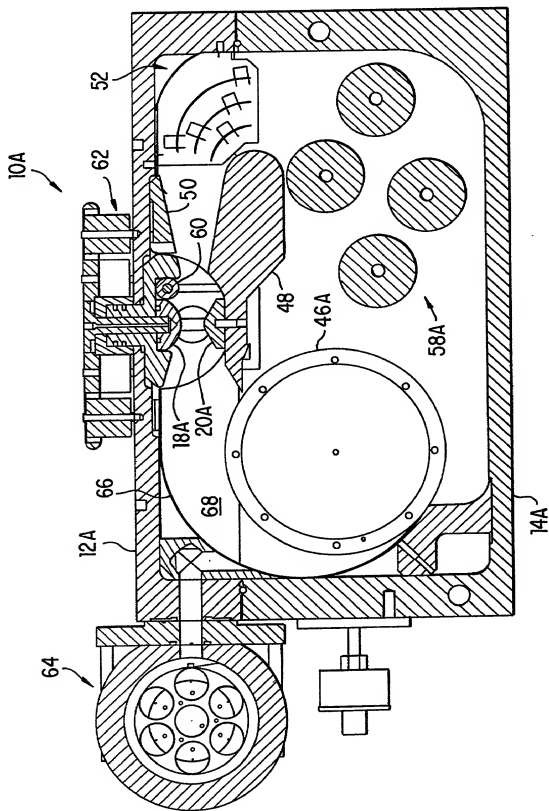


FIG. 4

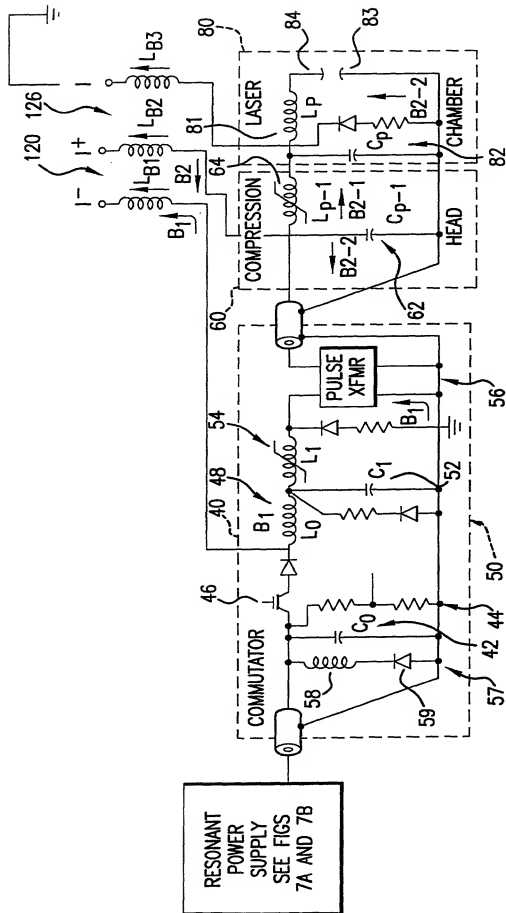


FIG. 5

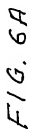


FIG. 6A

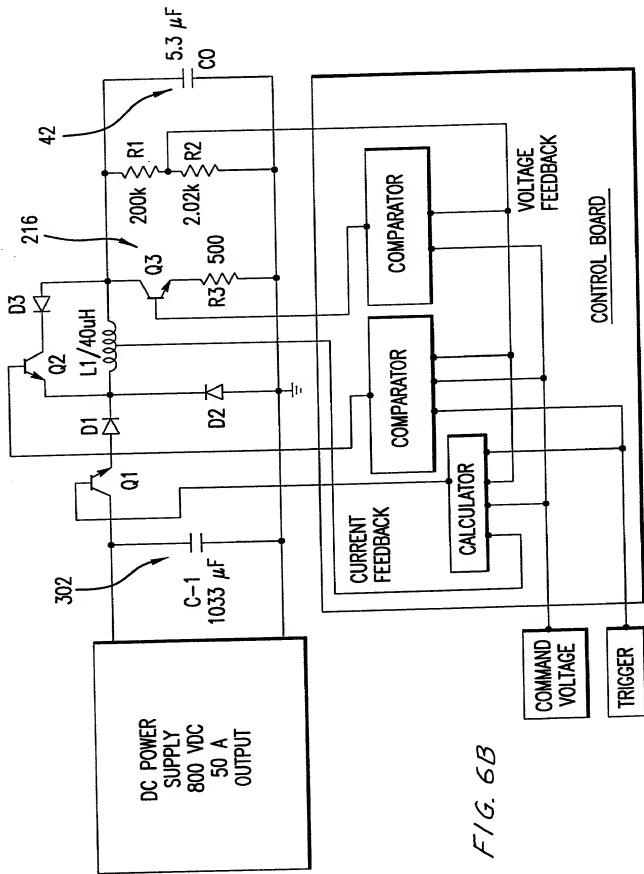


FIG. 6B

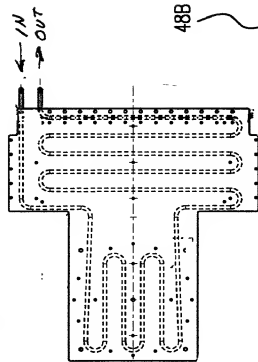


FIG. 7A

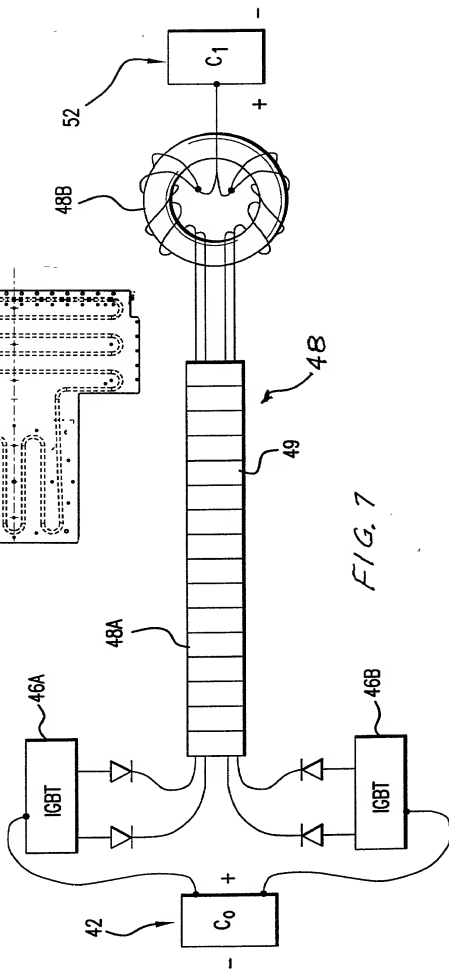


FIG. 7

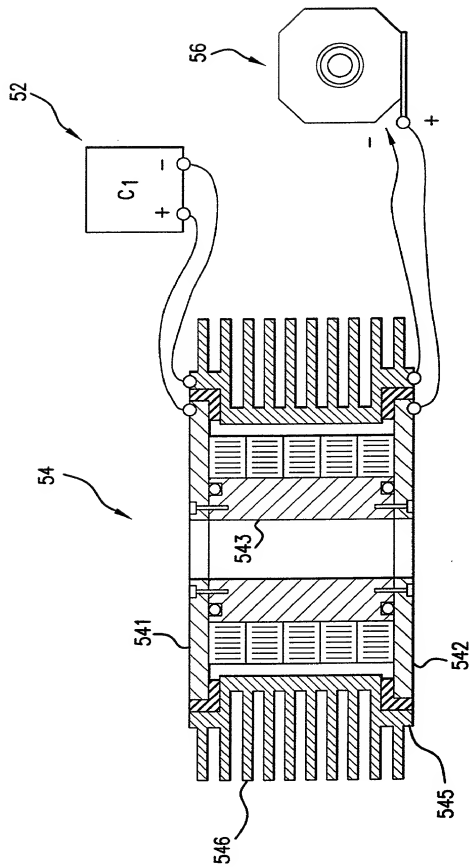


FIG. 8

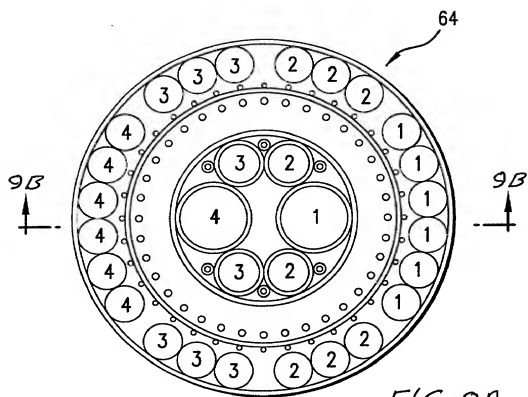


FIG. 9A

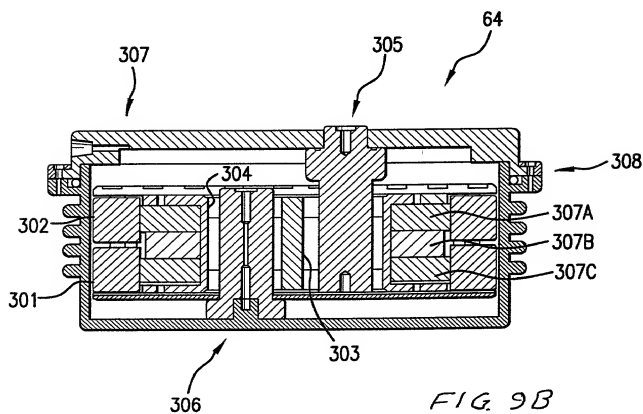
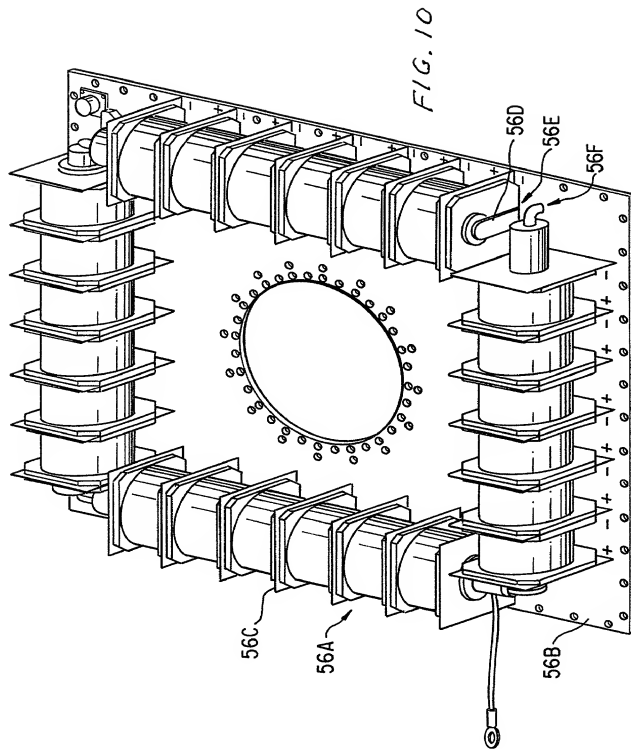


FIG. 9B



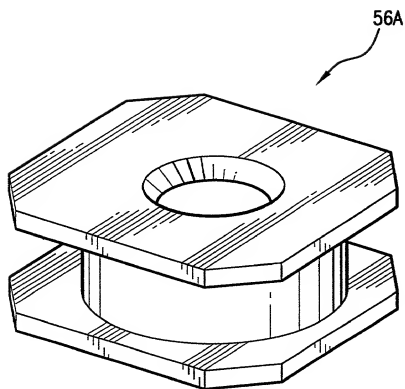


FIG. 10A

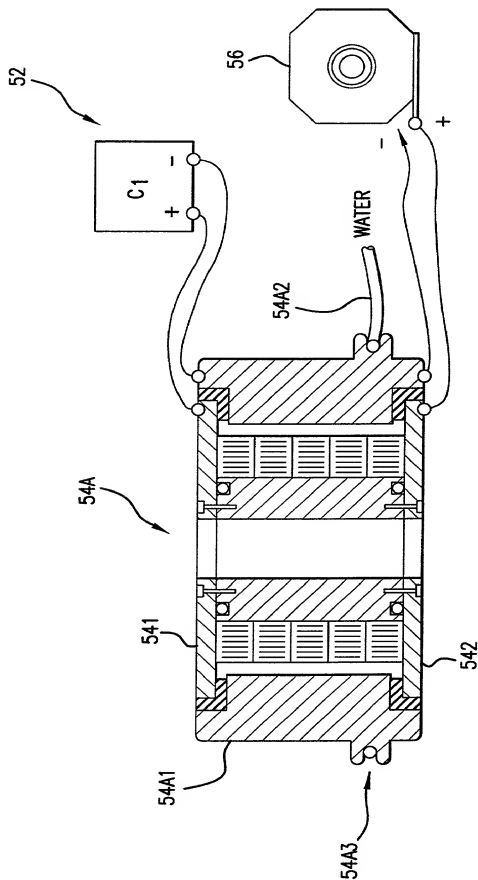


FIG. 11A

64A

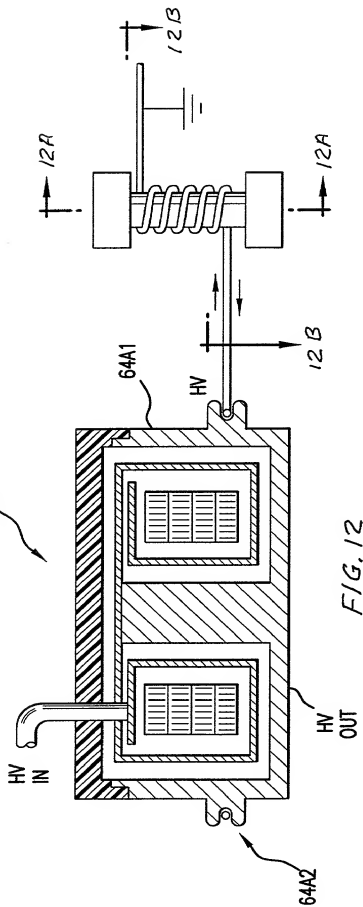


FIG. 12

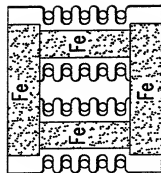


FIG. 12A

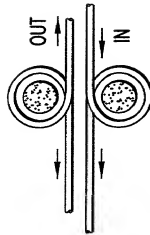


FIG. 12B

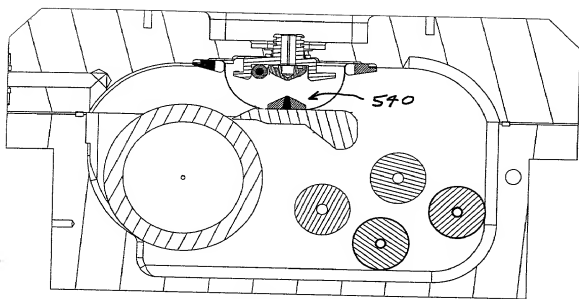


FIG. 13

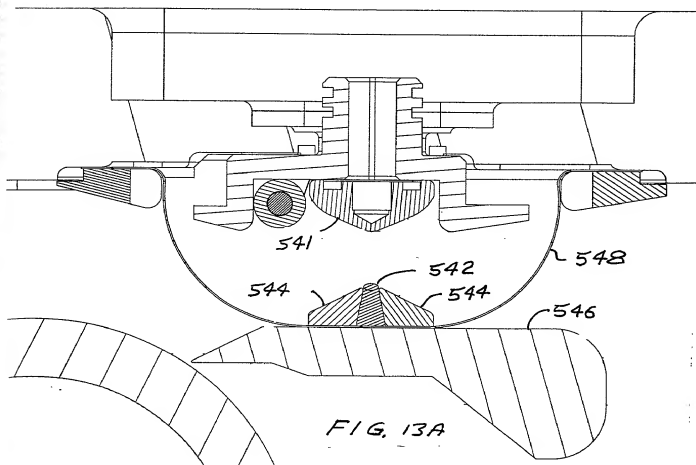


FIG. 13A

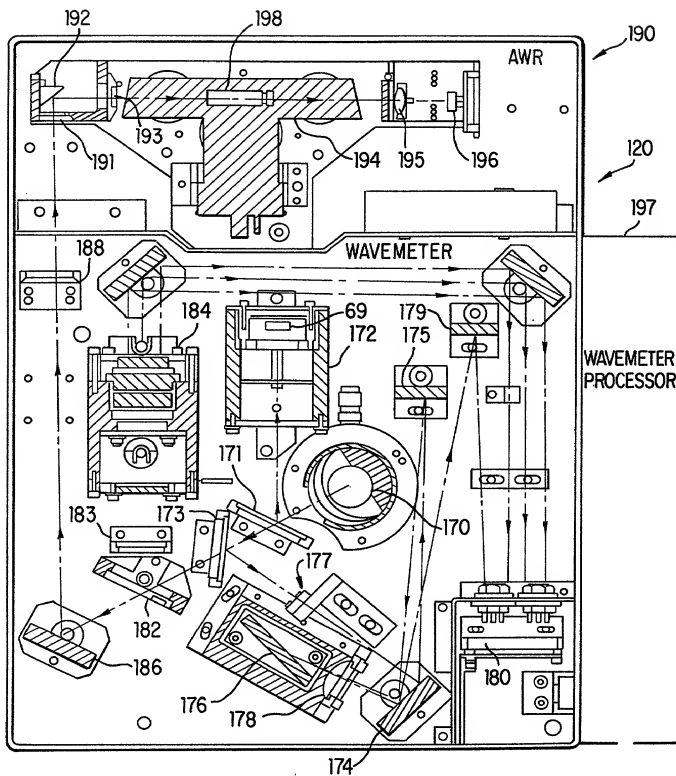


FIG. 14

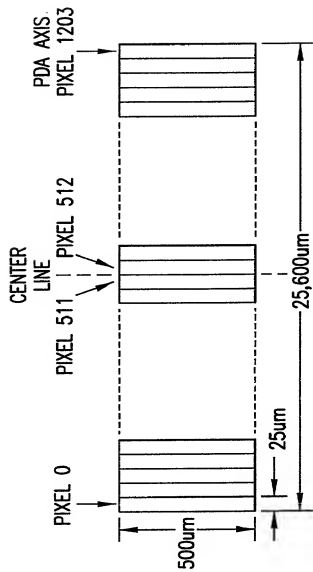


FIG. 14A

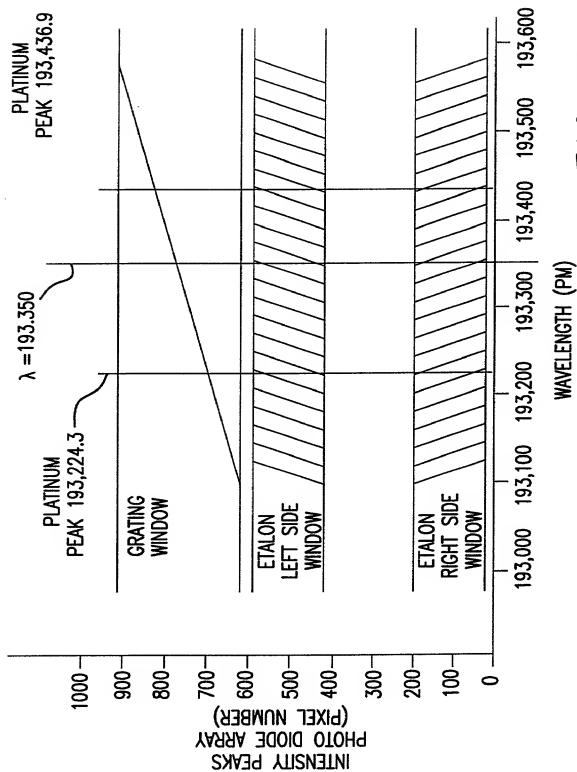


FIG. 14B

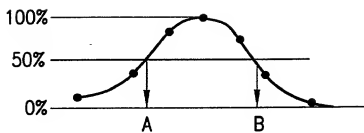


FIG. 14C

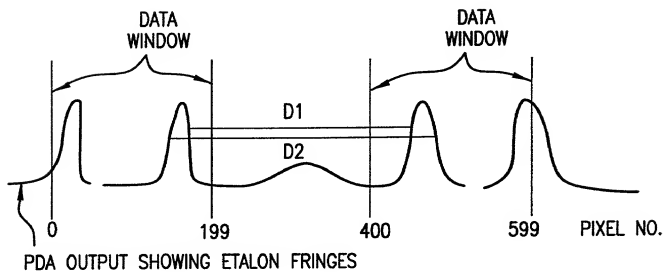


FIG. 14D

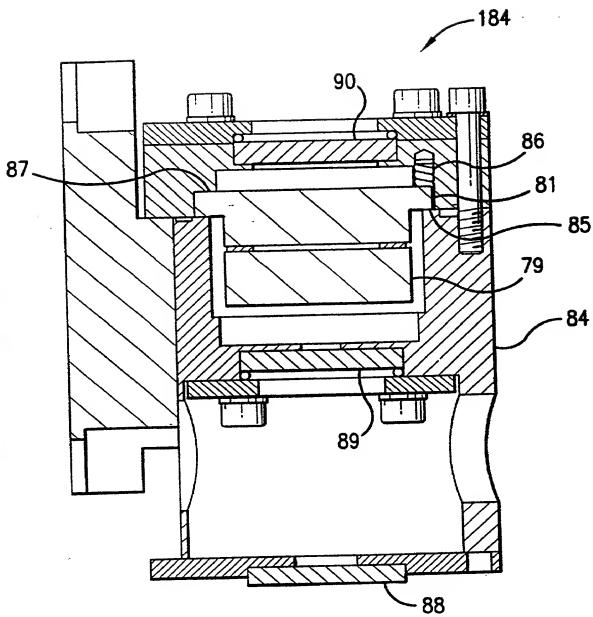


FIG. 14E

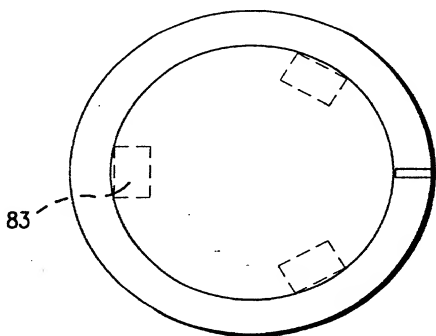
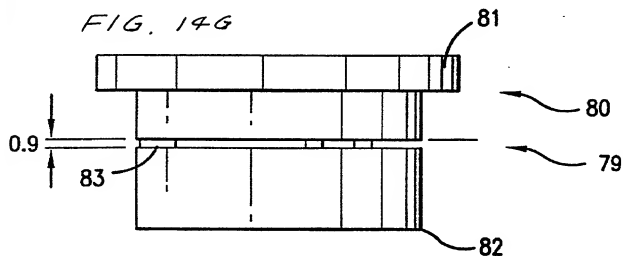
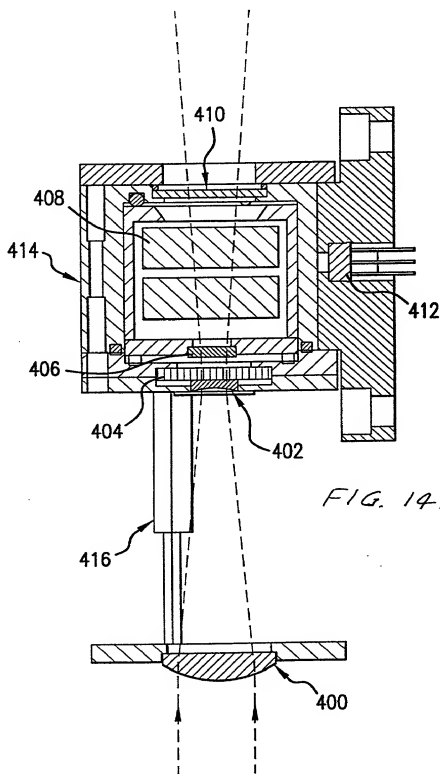


FIG. 14F





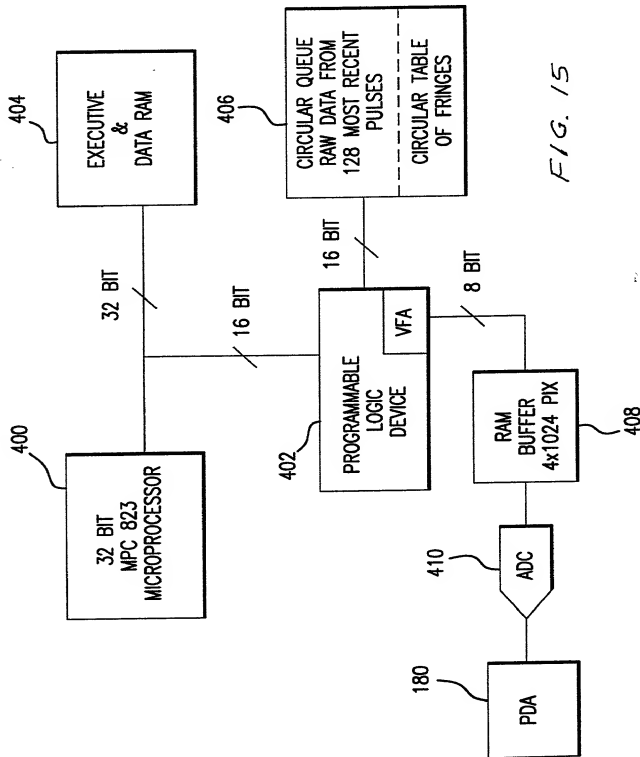


FIG. 15

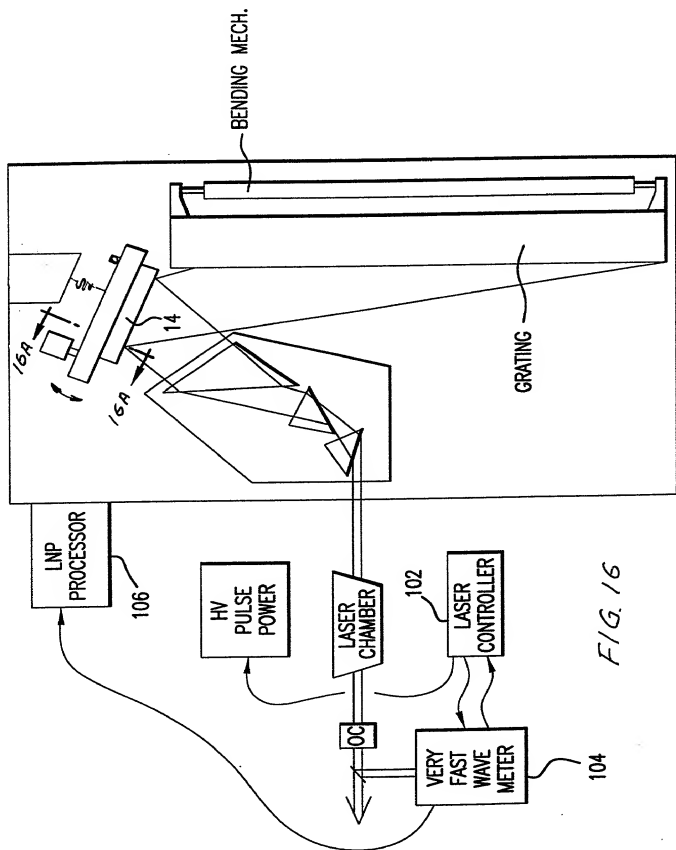
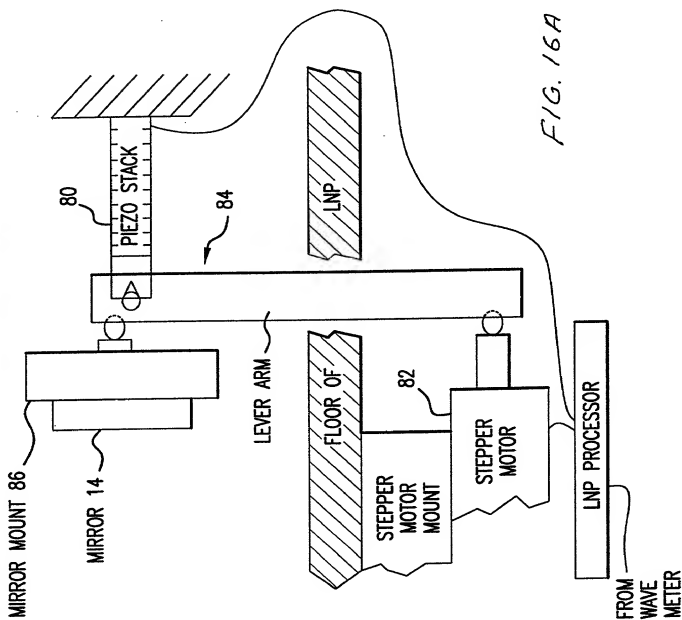


FIG. 16



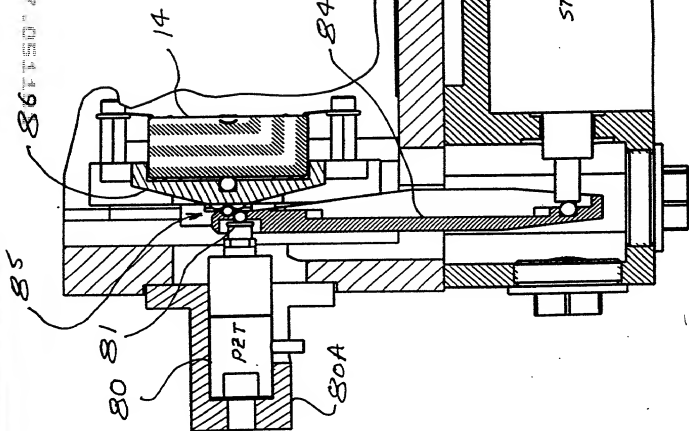
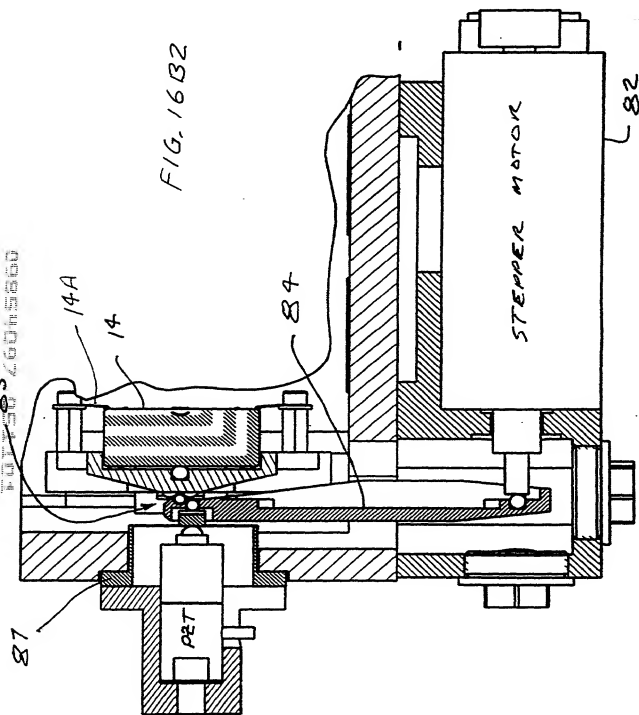


FIG. 16B1

FIG. 16B2



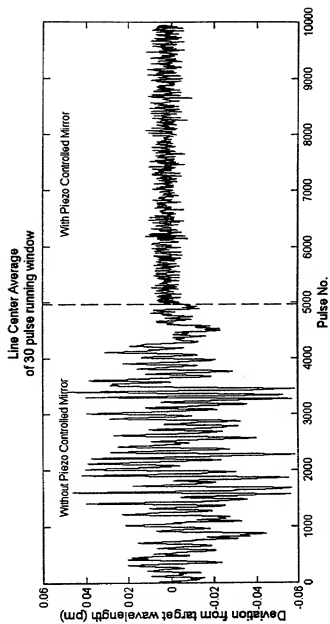


FIG. 16C

FIG. 16D

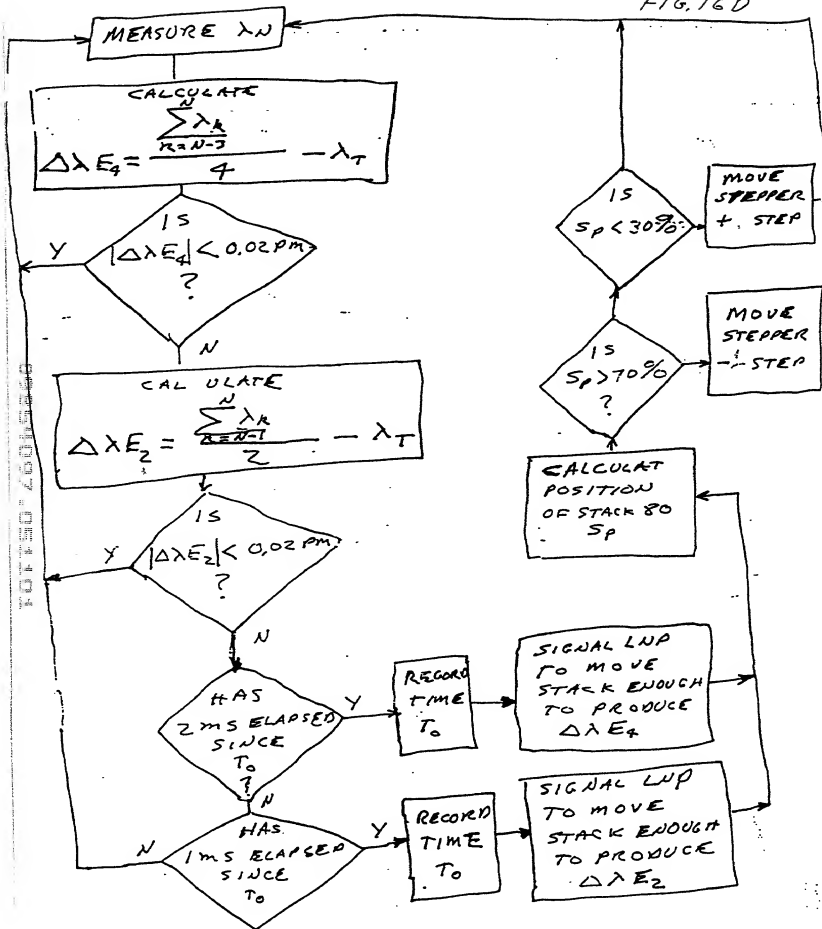
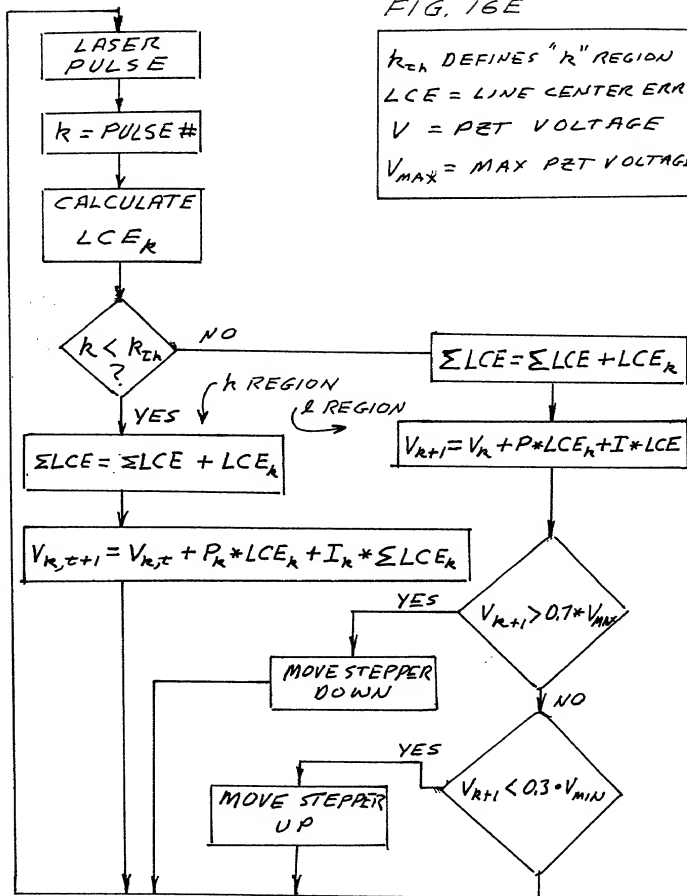


FIG. 16E

k_{th} DEFINES "k" REGION
 LCE = LINE CENTER ERROR
 V = PET VOLTAGE
 V_{MAX} = MAX PET VOLTAGE



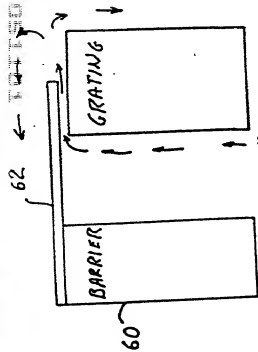


FIG. 17

FIG. 17A

FIG. 17C

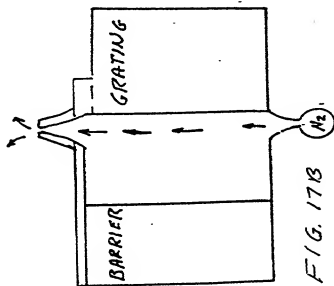
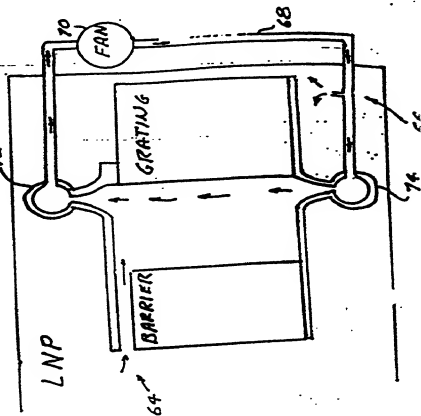
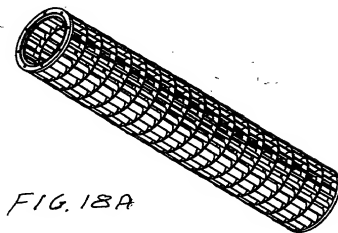
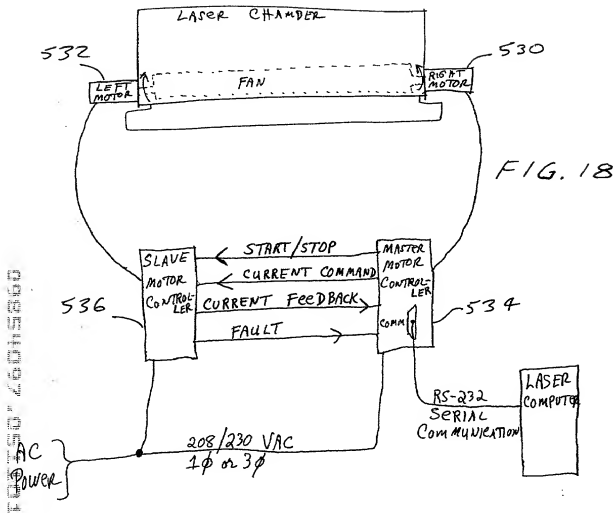


FIG. 17B



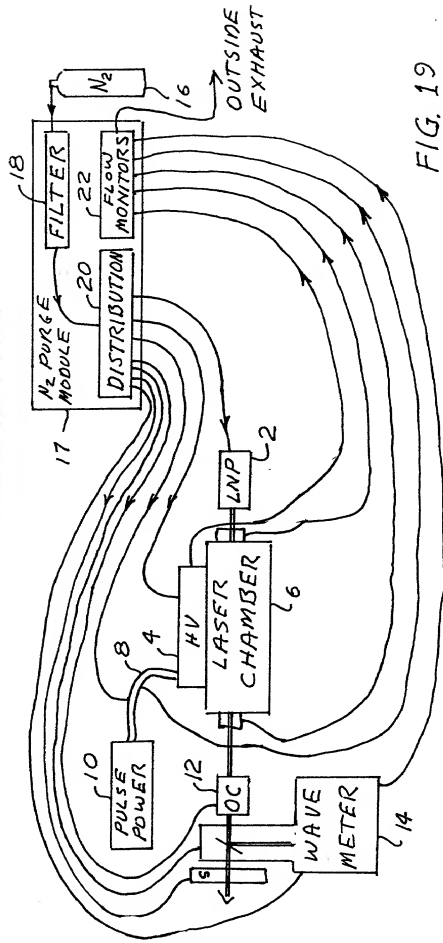
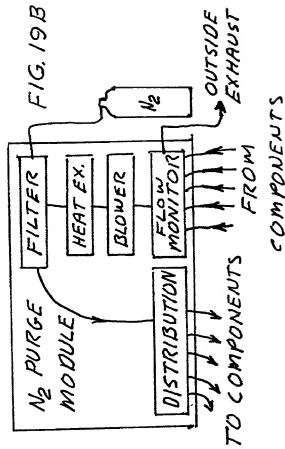


FIG. 19



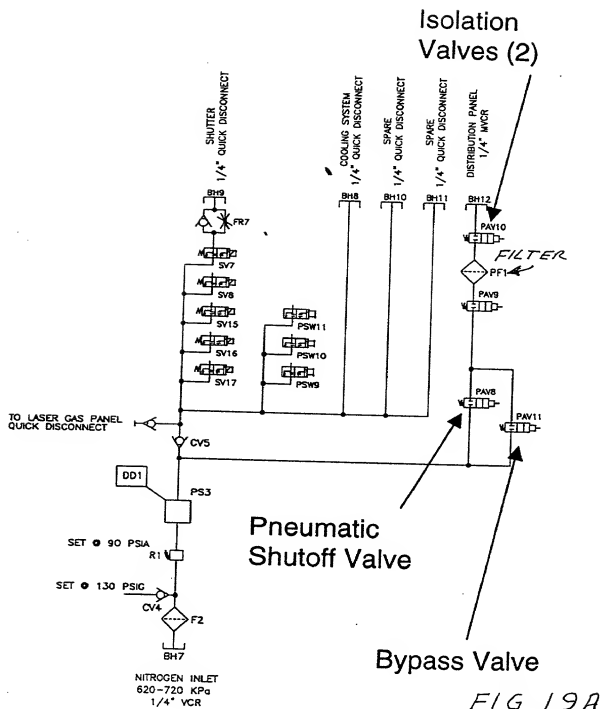
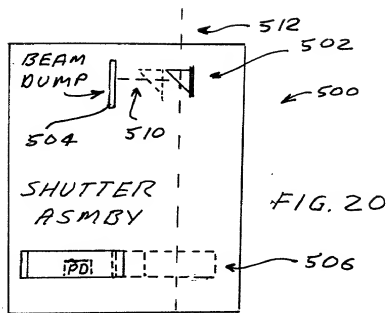


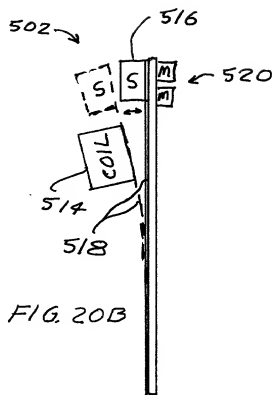
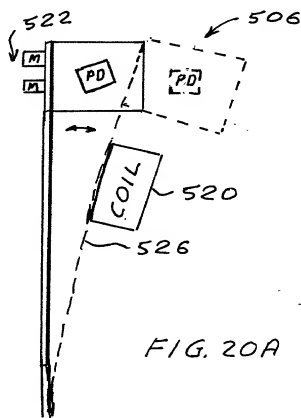
FIG. 19A



TOP VIEW

LASER BEAM 508

LASER CHAMBER



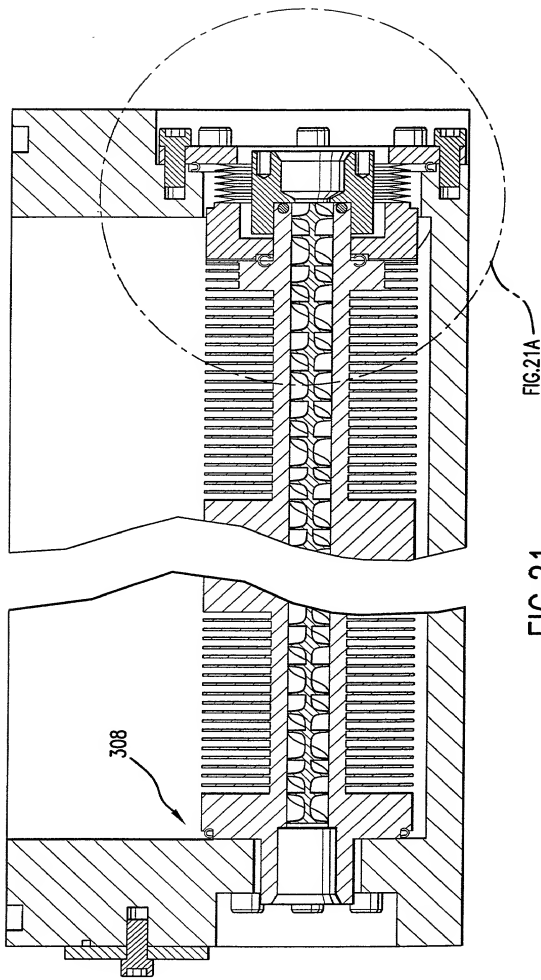


FIG. 21

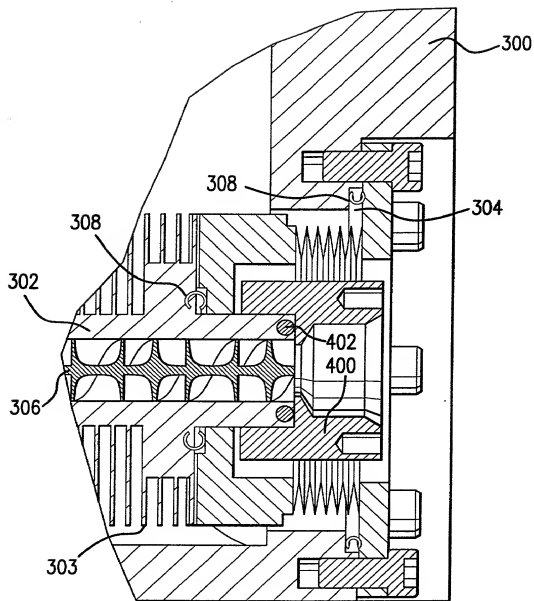


FIG.21A

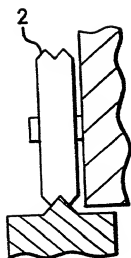


FIG. 22B

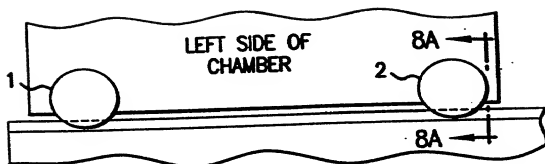


FIG. 22A

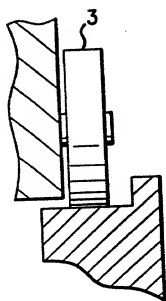


FIG. 22C

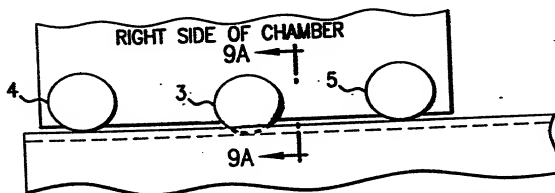
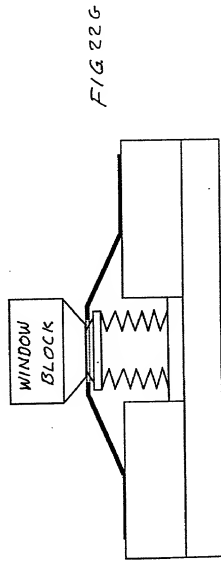
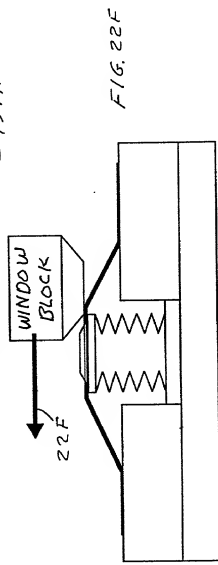
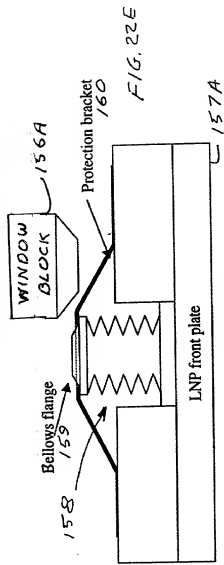
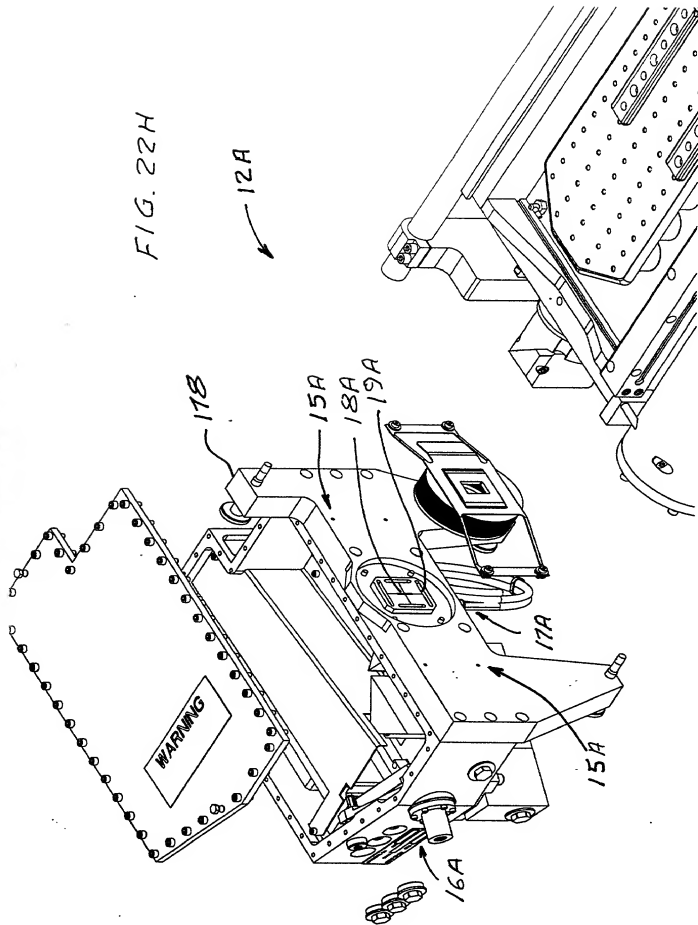
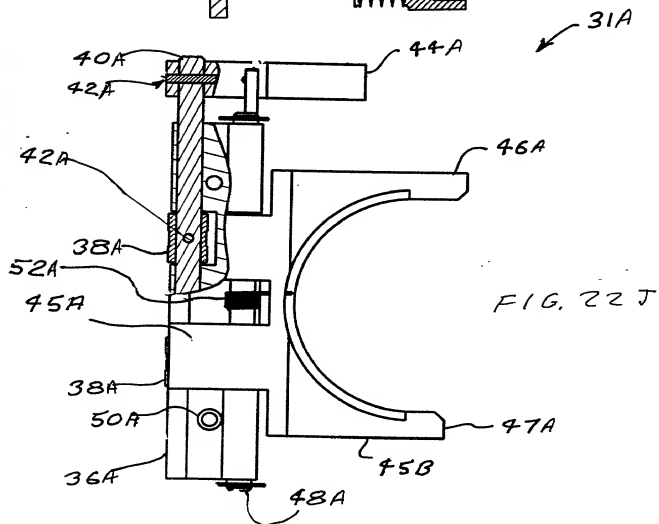
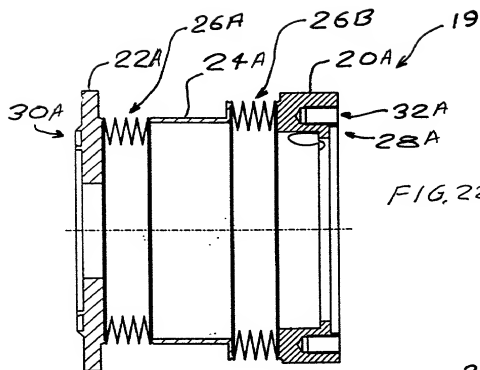


FIG. 22D





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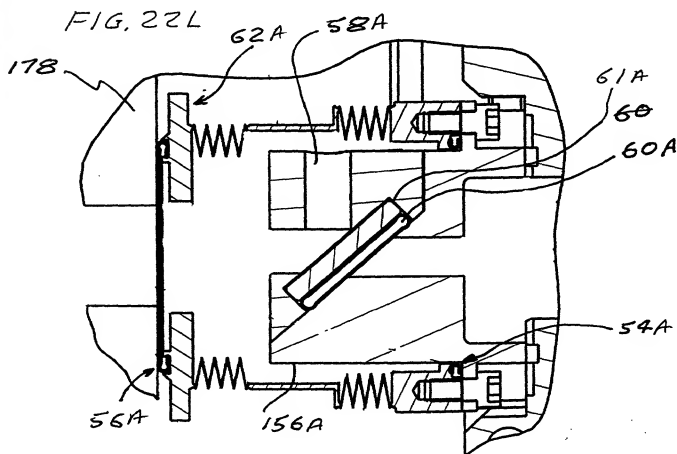
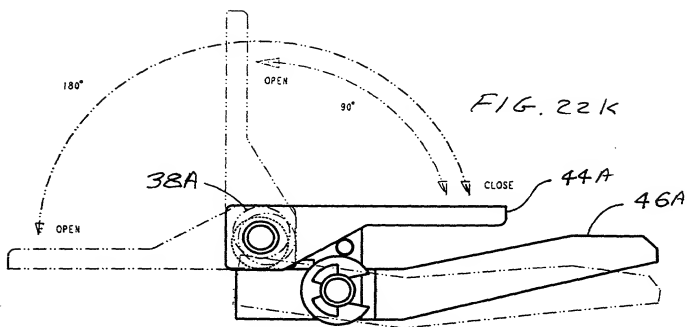


FIG. 22M

